



# Intrinsa VideoAppliance™

Maximum Flexibility 2-Part Modular Solutions



- Easy to order, installer-ready, flexible & modular two-part appliance solutions for any project need
- Save money, slash equipment costs, eliminate support challenges, & reduce energy use
- Simplified & optimized for even the most demanding physical security project
- Selectable Fault Resilient or High Availability configurations, even within the same appliance solution
- Leverage patented Intrinsa VDMR™ software technology to ensure non-stop, long term operation
- Select from dozens of preloaded, advanced Media Kit software choices for the industry's most popular video surveillance, access control, analytics & PSIM, with hundreds more pre-certified with their manufacturers for risk-free integration
- Leverage the industry's leading IT hardware, optimized & fully integrated with Intrinsa's VDMR™ software for the demands of physical security

## Easy to order, installer-ready appliances that shrink initial & ongoing project costs...



**Server Appliances** eliminate the need for un-optimized commodity servers that are designed for IT applications, not the demands of 24x7x365 physical security systems:

- Robust, Fault Resilient configurations with optimized software & hardware, featuring dual, mirrored Windows OS & security application disks, with redundant, hot-swap power supplies for non-stop operation
- Cluster appliances for High Availability, delivering maximum availability & up time

**Storage Appliances** eliminate the reliance on un-optimized commodity storage systems that lack the proven performance, easy operation, increased reliability & unmatched scalability delivered by Intrinsa Video and Data Management & Retention™ (VDMR™) software technology specifically for physical security needs:



- Each Storage Appliance includes powerful VDMR™-optimized IP SAN storage, & modular capacity growth with VA Expanders in robust, risk-free configurations
- Each includes redundant OS/VDMR™ offload disks, choice of 12 or 24TB of raw SATA-II hot-swap storage with full RAID protection, and redundant, hot-swap power supplies
- Add additional Storage Appliances and VA Expanders for nearly unlimited capacity, & manage all devices as a single system
- Cluster for High Availability with the VA600st



# Intransa VideoAppliance™

## Maximum Flexibility 2-Part Modular Solutions

Intransa Maximum Flexibility solutions are a combination of Server Appliances & Storage Appliances...



### 1U rack mountable VA45as Server Appliances

- Choice of (1) or (2) Intel® Quad-Core Xeon® 5600 Series 2.4 or 2.66GHz CPUs with 6 or 12GB RAM memory
- Mirrored Windows OS/security application offload disks & redundant, hot-swap power supplies
- Choice of (4) standard 1GbE IP network ports, or select mix of 1GbE & high bandwidth 10GbE

### 2U rack mountable VA350st & VA600st Storage Appliances

- VA350st features robust, Fault Resilient configurations
- VA600st features advanced clustering, for High Availability configurations, with up to 16 appliance nodes
- 12 or 24TB of hot-swap, RAID 6 protected raw storage capacity
- Expandable with up to 3 VA Expanders, maximum 96TB per appliance node
- VDMR™ OS offload SSD solid state disks
- Redundant, hot-swap power supplies

Detailed specifications can be downloaded at <http://www.intransa.com/technology/archequip-spec.php>

Each VA45as supports a wide range of standard, megapixel & HD cameras for video management system use  
Use the [online configurator](http://www.intransa.com) on [www.intransa.com](http://www.intransa.com) for specific project needs

Typical IP Camera support by VA45as Server Appliance Model	MJPEG @ 4CIF @ 30fps	MJPEG @ 4CIF @ 30fps	MJPEG @ 4CIF @ 30fps	H.264 @ 720P @ 30fps	H.264 @ 1080P @ 30fps	H.264 @ 3MP @ 15fps	H.264 @ 5MP @ 9fps
VA45as, 1CPU, 6GB RAM	1-49	1-93	1-80	1-64	1-24	1-20	1-20
VA45as, 2CPU, 6GB RAM	1-49	1-187	1-160	1-128	1-49	1-41	1-40

Leverage the full power of Intransa Video and Data Management & Retention™ (VDMR™) software technology

### VDMR™ Installation & Operational Tools

- VSA Console** is a simple to use installation & troubleshooting interface
- VSA Storage Manager** provides an easy interface for tuning the integrated, advanced IP-SAN in all Server Appliance modules as part of the VSA
- VSA System Center** provides a single system view, enabling instant monitoring & management regardless of how many appliances are deployed
- VSA Agent** seamlessly integrates Server Appliances & Storage Appliances into a single, optimized platform
- Video Stream Director** automatically manages multiple IP connections, for cameras, storage, management & viewing networks

### VDMR™ Performance Tools

- VSOP Video Stream Optimization** delivers smooth video recording & playback, & eliminating disk fragmentation & resulting frame loss
- VSA Alerting & Reporting** enables true hands-free operation, with notification & tracking of any system issues as they occur
- VSA Tiered Availability** (VA600st only) enables selectable Standard, Fault Resilient & High Availability configurations to be selected within one or more Storage Appliances
- VSA Energy Manager** (VA600st only) provides selectable spin-down disk technology for near instant availability of long term data & video retention, reducing electrical consumption & HVAC requirements

We make it easy.

Call or email us to get started...  
[www.intransa.com](http://www.intransa.com)



Call us 1.866.446.8726 (+1.408.678.8600)

Email [sales@intransa.com](mailto:sales@intransa.com)

Click "Configure an Appliance" at [www.intransa.com](http://www.intransa.com)



Intransa, the VideoAppliance™ Company | Corporate Headquarters | [www.intransa.com](http://www.intransa.com) | [sales@intransa.com](mailto:sales@intransa.com)  
10710 N. Tantau Avenue | Cupertino, CA 95014 | US & Canada Toll Free 866.446.8726 or +1.408.678.8600